

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG070225\
 Data File : FG016200.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2025 11:53
 Operator : YP\AJ
 Sample : 50 PPM TRPH STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 50 PPM TRPH STD

Integration File: autoint1.e
 Quant Time: Jul 03 01:22:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG061325.M
 Quant Title :
 QLast Update : Fri Jun 13 12:34:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.204	5774744	49.230 ug/ml
Target Compounds			
1) N-OCTANE	2.125	6183835	50.154 ug/ml
2) N-DECANE	4.675	6376636	50.825 ug/ml
3) N-DODECANE	6.857	6486825	50.836 ug/ml
4) N-TETRADECANE	8.698	6506920	50.421 ug/ml
5) N-HEXADECANE	10.317	6552710	50.204 ug/ml
6) N-OCTADECANE	11.771	6685010	49.917 ug/ml
7) N-EICOSANE	13.091	6709423	49.597 ug/ml
8) N-DOCOSANE	14.299	6513837	49.408 ug/ml
10) N-TETRACOSANE	15.409	6471656	49.128 ug/ml
11) N-HEXACOSANE	16.436	6375051	48.699 ug/ml
12) N-OCTACOSANE	17.393	6235518	48.268 ug/ml
13) N-TRIACONTANE	18.285	6176830	47.784 ug/ml
14) N-DOTRIACONTANE	19.122	5887286	47.394 ug/ml
15) N-TETRATRIACONTANE	19.910	5380079	48.939 ug/ml
16) N-HEXATRIACONTANE	20.653	4802434	52.066 ug/ml
17) N-OCTATRIACONTANE	21.441	4443254	56.445 ug/ml
18) N-TETRACONTANE	22.447	4178106	59.441 ug/ml

(f)=RT Delta > 1/2 Window

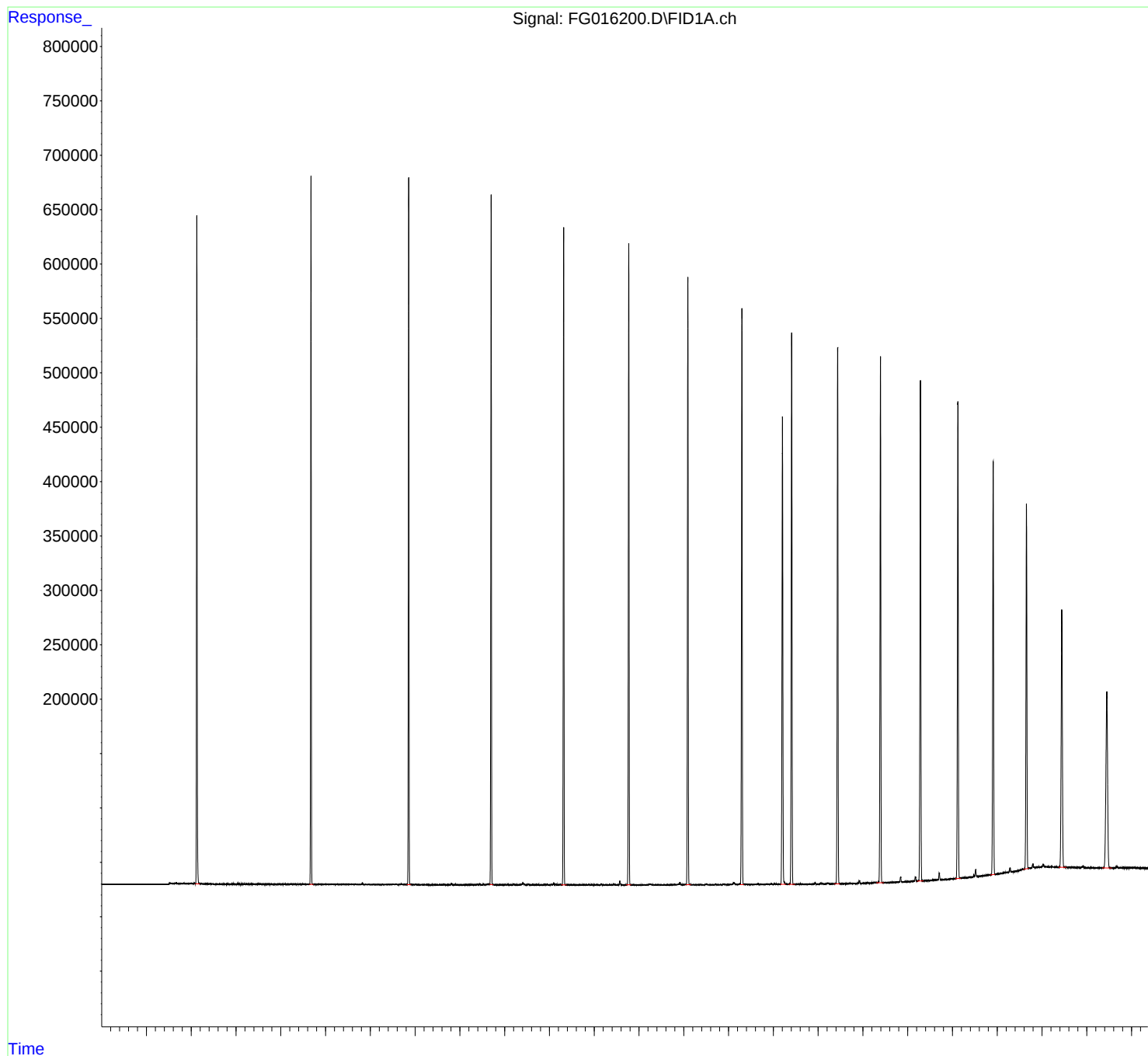
(m)=manual int.

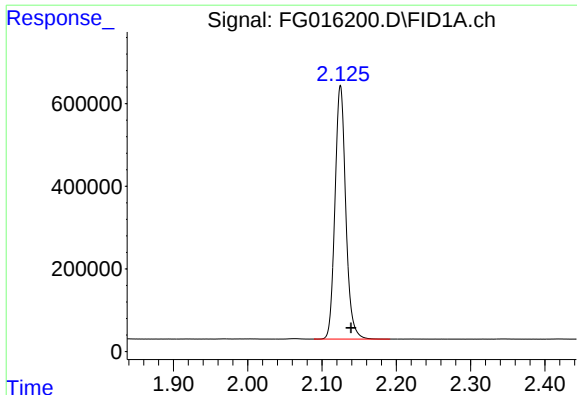
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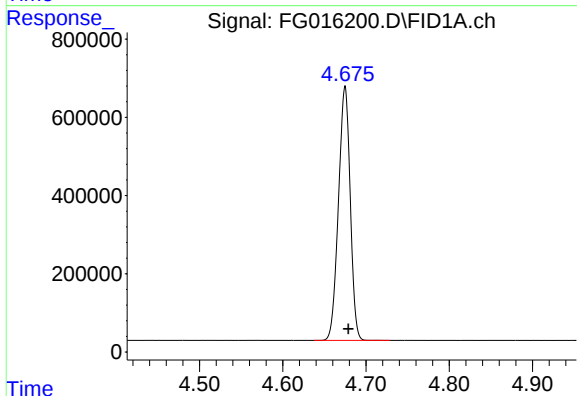




#1 N-OCTANE

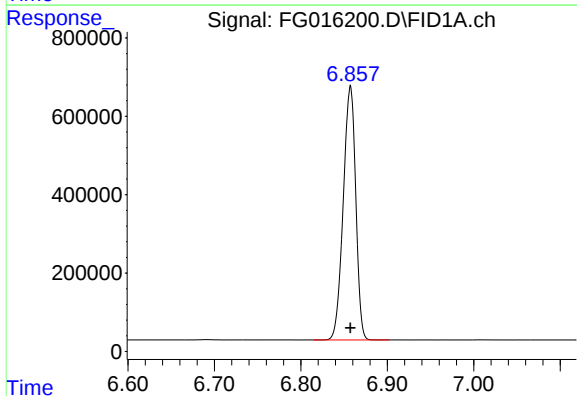
R.T.: 2.125 min
Delta R.T.: -0.014 min
Response: 6183835
Conc: 50.15 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



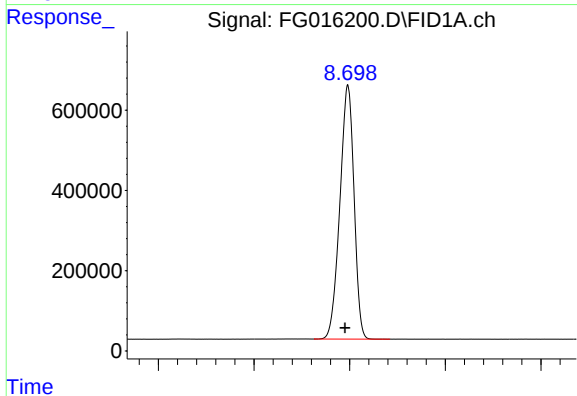
#2 N-DECANE

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 6376636
Conc: 50.83 ug/ml



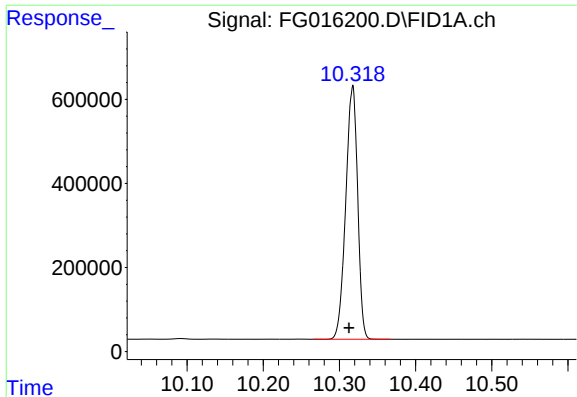
#3 N-DODECANE

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 6486825
Conc: 50.84 ug/ml



#4 N-TETRADECANE

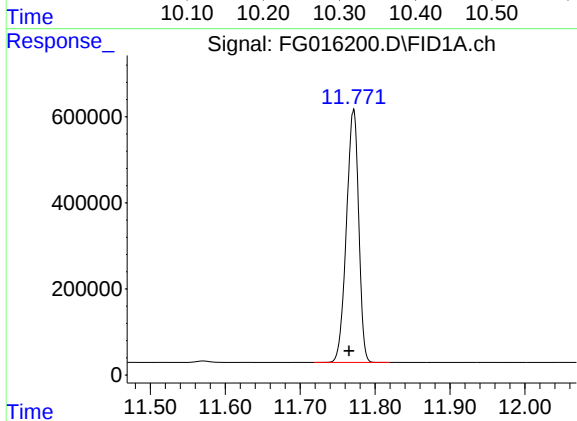
R.T.: 8.698 min
Delta R.T.: 0.003 min
Response: 6506920
Conc: 50.42 ug/ml



#5 N-HEXADECANE

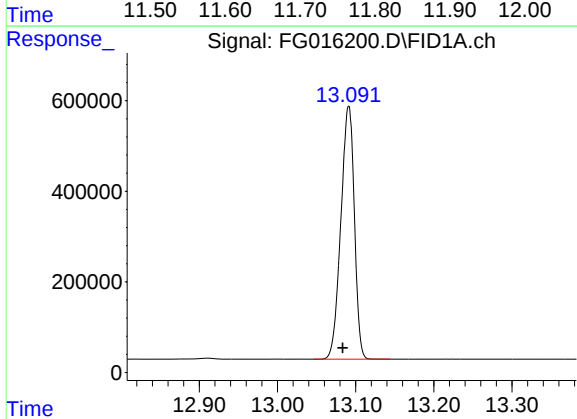
R.T.: 10.317 min
Delta R.T.: 0.005 min
Response: 6552710
Conc: 50.20 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



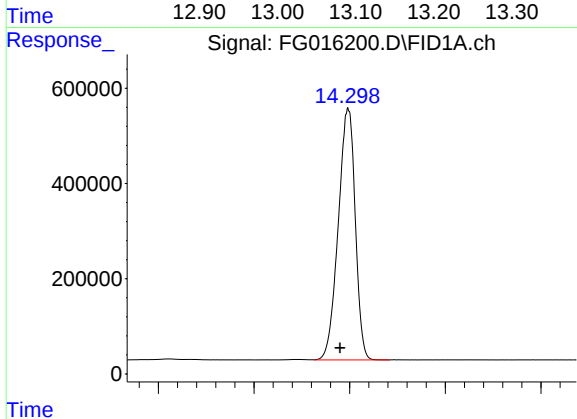
#6 N-OCTADECANE

R.T.: 11.771 min
Delta R.T.: 0.006 min
Response: 6685010
Conc: 49.92 ug/ml



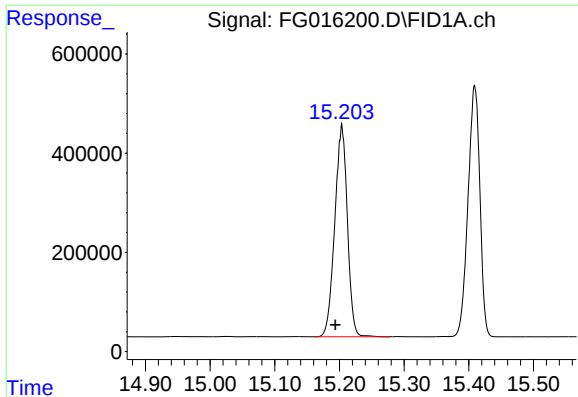
#7 N-EICOSANE

R.T.: 13.091 min
Delta R.T.: 0.008 min
Response: 6709423
Conc: 49.60 ug/ml



#8 N-DOCOSANE

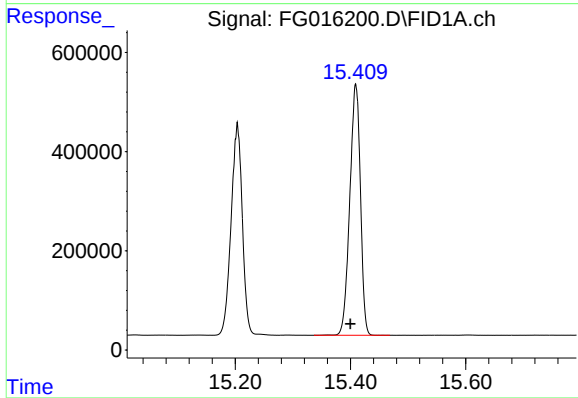
R.T.: 14.299 min
Delta R.T.: 0.008 min
Response: 6513837
Conc: 49.41 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

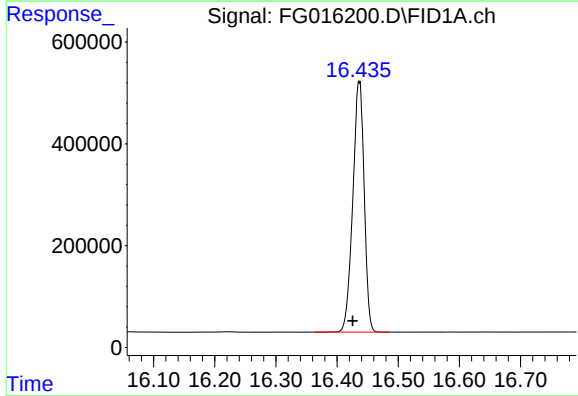
R.T.: 15.204 min
Delta R.T.: 0.010 min
Response: 5774744
Conc: 49.23 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



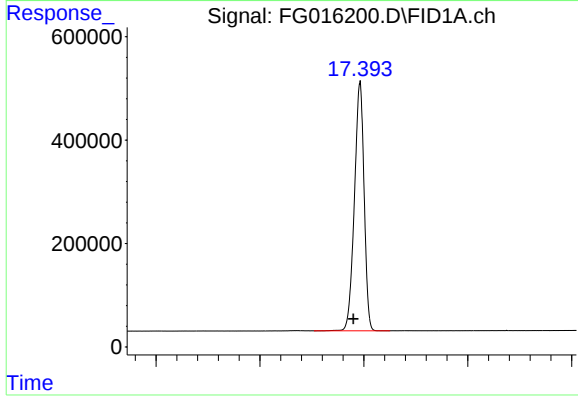
#10 N-TETRACOSANE

R.T.: 15.409 min
Delta R.T.: 0.009 min
Response: 6471656
Conc: 49.13 ug/ml



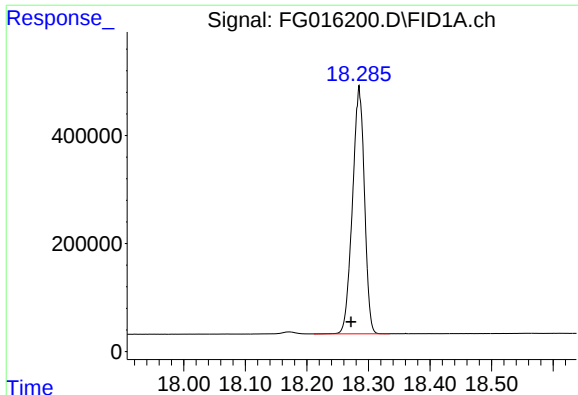
#11 N-HEXACOSANE

R.T.: 16.436 min
Delta R.T.: 0.011 min
Response: 6375051
Conc: 48.70 ug/ml



#12 N-OCTACOSANE

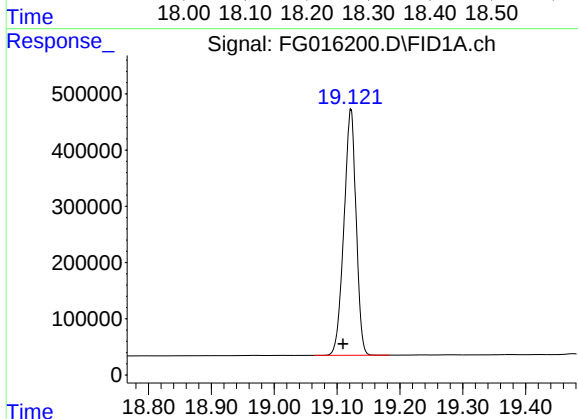
R.T.: 17.393 min
Delta R.T.: 0.013 min
Response: 6235518
Conc: 48.27 ug/ml



#13 N-TRIACONTANE

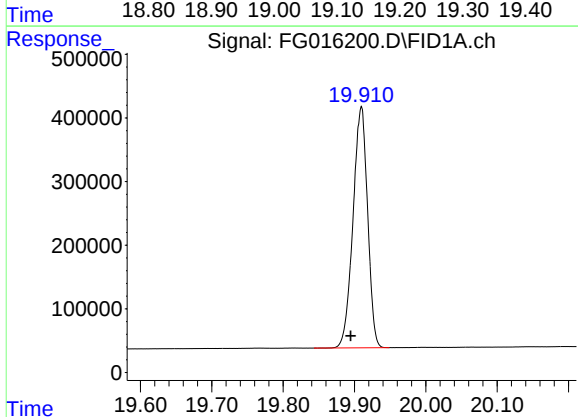
R.T.: 18.285 min
Delta R.T.: 0.013 min
Response: 6176830
Conc: 47.78 ug/ml

Instrument :
FID_G
ClientSampleId :
50 PPM TRPH STD



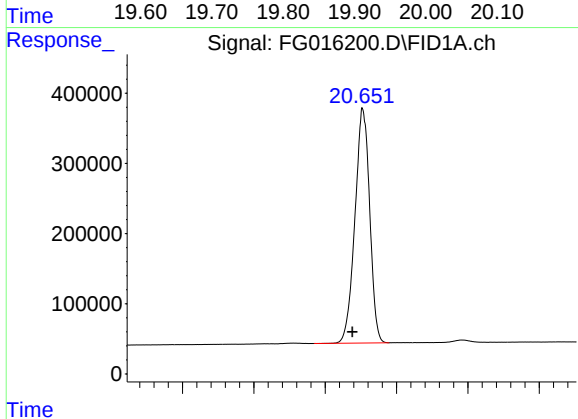
#14 N-DOTRIACONTANE

R.T.: 19.122 min
Delta R.T.: 0.013 min
Response: 5887286
Conc: 47.39 ug/ml



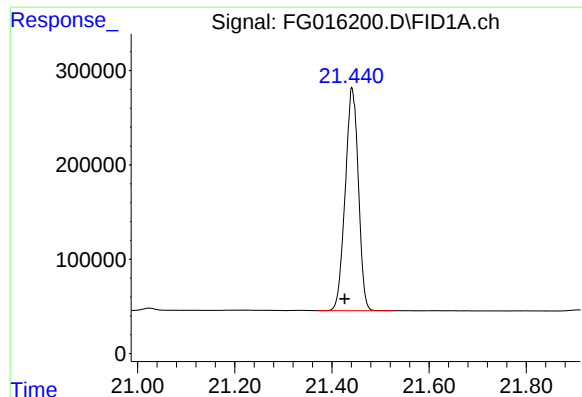
#15 N-TETRATRIACONTANE

R.T.: 19.910 min
Delta R.T.: 0.015 min
Response: 5380079
Conc: 48.94 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.653 min
Delta R.T.: 0.015 min
Response: 4802434
Conc: 52.07 ug/ml



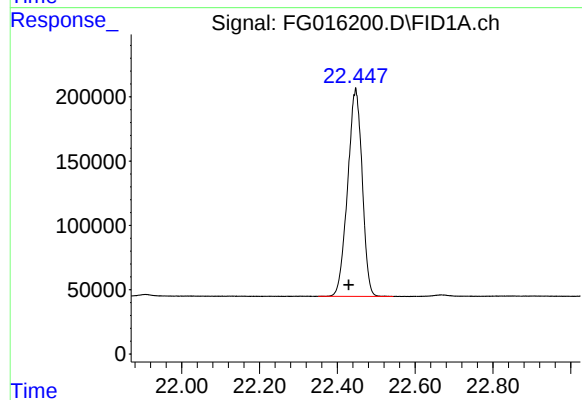
#17 N-OCTATRIACONTANE

R.T.: 21.441 min
Delta R.T.: 0.015 min
Response: 4443254
Conc: 56.44 ug/ml

Instrument :

FID_G

ClientSampleId :
50 PPM TRPH STD



#18 N-TETRACONTANE

R.T.: 22.447 min
Delta R.T.: 0.018 min
Response: 4178106
Conc: 59.44 ug/ml